



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

# **PLAGUE-PREVENTION WORK.**

## **CALIFORNIA.**

The following report of plague-prevention work in California for the week ended April 24, 1915, was received from Passed Asst. Surg. Hurley, of the United States Public Health Service, in temporary charge of the work:

*San Francisco, Cal.*

RAT PROOFING.		RAT PROOFING—continued.	
New buildings:		Old buildings—Continued.	
Inspections of work under construction.	200	Cubic feet new foundation walls installed.....	6,259
Basements concreted (24,507 square feet).....	41	Concrete floors installed (81,057 square feet).....	58
Floors concreted (67,793 square feet)....	27	Basements concreted (9,363 square feet).....	12
Yards, passageways, etc. (11,495 square feet).....	51	Yards and passageways, etc., concreted (43,337 square feet).....	79
Total area of concrete laid (square feet) .	103,795	Total area concrete laid (square feet)....	133,757
Class A, B, and C (fireproof) buildings:		Floors rat proofed with wire cloth (8,064 square feet).....	9
Inspections made.....	221	Buildings razed.....	20
Roof and basement ventilators, etc., screened.....	4,644	New garbage cans stamped approved..	509
Wire screening used (square feet).....	23,020	Nuisances abated.....	373
Openings around pipes, etc., closed with cement.....	11,501	OPERATIONS ON THE WATER FRONT.	
Sidewalk lens lights replaced.....	15,000	Vessels inspected for rat guards.....	23
Old buildings:		Reinspections made on vessels.....	29
Inspections made.....	638	New rat guards procured.....	13
Wooden floors removed.....	69	Defective rat guards repaired.....	4
Yards and passageways, planking removed.....	15	Vessels on which cargo was inspected.....	1

### **AMOUNT OF CARGO AND DESCRIPTION OF SAME.**

	Condition.	Rat evidence.
Steamer Admiral Farragut, from Seattle:		
110 cases milk, salmon, and household goods.....	O. K.....	None.
400 sacks flour and bran.....	O. K.....	None.

RATS TRAPPED AND EXAMINED FOR PLAGUE.		RATS IDENTIFIED.	
Rats trapped on wharves and water front....	15	Mus norvegicus.....	127
Rats trapped on vessels.....	28	Mus rattus.....	58
Traps set on wharves and water front.....	119	Mus alexandrinus.....	51
Traps set on vessels.....	48	Mus musculus.....	37
Vessels trapped on.....	10		
Poisons placed on water front (pieces).....	3,600		
Bait used on water front and vessels, bacon (pounds).....	6		
Amount of bread used in poisoning, water front (loaves).....	12		
Pounds of poison used on water front.....	6		

### *Squirrels collected and examined for plague.*

Contra Costa County.....	288
San Benito County.....	171
Alameda County.....	89
Merced County.....	60
Stanislaus County.....	32
Santa Cruz County.....	28
Santa Clara County.....	26
San Joaquin County.....	50
Total.....	744
Found infected.....	1

*Rabbits collected and examined for plague.*

Alameda County.....	1
Santa Cruz County.....	2
Merced County.....	1
Total.....	4
Found infected.....	0

*Plague-infected squirrel found.*

San Benito County:	
Apr. 13, 1915. J. B. McGruey ranch, 3½ miles south of Mulberry .....	1 squirrel.

*Record of plague infection.*

Places in California.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number rodents found infected since May, 1907.
<b>Cities:</b>				
San Francisco.....	Jan. 30, 1908	Oct. 23, 1908	(1)	398 rats.
Oakland.....	Aug. 9, 1911	Dec. 1, 1908	(1)	128 rats.
Berkeley.....	Aug. 28, 1907	(1)	(1)	None.
Los Angeles.....	Aug. 11, 1908	(1)	Aug. 21, 1908	1 squirrel.
<b>Counties:</b>				
Alameda (exclusive of Oakland and Berkeley).....	Sept. 24, 1909	Oct. 17, 1909 <sup>2</sup>	Aug. 7, 1914	286 squirrels; wood rat.
Contra Costa.....	May 17, 1914	(1)	Mar. 4, 1915	1,567 squirrels.
Fresno.....	(1)	(1)	Oct. 27, 1911	1 squirrel.
Merced.....	(1)	(1)	July 12, 1911	5 squirrels.
Monterey.....	(1)	(1)	Apr. 10, 1914	6 squirrels.
San Benito.....	June 4, 1913	(1)	Apr. 13, 1915	37 squirrels.
San Joaquin.....	Sept. 18, 1911	(1)	Aug. 26, 1911	18 squirrels.
San Luis Obispo.....	(1)	(1)	Jan. 29, 1910	1 squirrel.
Santa Clara.....	Aug. 31, 1910	(1)	July 23, 1913	25 squirrels.
Santa Cruz.....	(1)	(1)	May 17, 1910	3 squirrels.
Stanislaus.....	(1)	(1)	June 2, 1911	13 squirrels.

<sup>1</sup> None.<sup>2</sup> Wood rat.*Ranches inspected and hunted over.*

Contra Costa County.....	41
Alameda County.....	16
San Benito County.....	36
Stanislaus County.....	4
Santa Clara County.....	10
Merced County.....	13
San Joaquin County.....	7
Total.....	127

Operations are being carried on under Federal supervision on the property of the Rodeo Townsite Co., Contra Costa County, labor and material furnished by the owners, as follows:

Number of acres covered.....	144
Number holes treated.....	6,025

The work is being carried on in the following named counties: Alameda, Contra Costa, San Francisco, Merced, San Joaquin, Santa Cruz, Stanislaus, San Benito, Santa Clara, and San Mateo.

## LOUISIANA—NEW ORLEANS—PLAGUE ERADICATION.

The following report of plague-eradication work at New Orleans for the week ended April 24, 1915, was received from Surg. Creel, of the United States Public Health Service, in temporary charge of the work:

OUTGOING QUARANTINE.		DESTINATION AND NUMBER OF RAILROAD CARS INSPECTED, ETC.—continued.	
Vessels fumigated with sulphur.....	45	Tennessee.....	67
Vessels fumigated with carbon monoxide....	16	Texas.....	204
Vessels fumigated with hydrocyanic gas.....	2	Virginia.....	1
Pounds of sulphur used.....	5,412	Washington.....	3
Pounds of coke consumed in carbon monoxide fumigation.....	23,600	Wisconsin.....	15
Pounds of potassium cyanide used in hydrocyanic gas fumigation.....	152	Canada.....	2
Pounds of sodium carbonate used in hydrocyanic gas fumigation.....	170		
Pounds of sulphuric acid used in hydrocyanic gas fumigation.....	184	FIELD OPERATIONS.	
Clean bills of health issued.....	30	Rats trapped.....	5,650
Foul bills of health issued.....	11	Number of premises inspected.....	11,817
		Notices served.....	1,566
OVERLAND FREIGHT INSPECTION.		BUILDINGS RAT PROOFED.	
Cars inspected, found in good order, permitted to load.....	2,042	By elevation.....	180
Cars ordered repaired before loading.....	1,423	By marginal concrete wall.....	183
Total cars inspected.....	3,465	By concrete floor and wall.....	305
Rodents killed in cars.....	17	By minor repairs.....	416
		Square yards of concrete laid.....	14,206
		Total buildings rat proofed.....	1,084
		Total buildings rat proofed to date.....	31,914
		Abatements.....	2,523
		Abatements to date.....	23,339
DESTINATION AND NUMBER OF RAILROAD CARS INSPECTED FOR WEEK ENDED APR. 24, 1915.		LABORATORY OPERATIONS.	
Alabama.....	110	Rodents examined.....	2,751
Arkansas.....	26	Mus norvegicus.....	2,115
California.....	18	Mus rattus.....	182
Carolina, North.....	13	Mus alexandrinus.....	139
Carolina, South.....	11	Mus musculus.....	3,076
Colorado.....	1	Wood rats.....	54
Florida.....	22	Putrid.....	139
Georgia.....	50	Musk rats.....	124
Illinois.....	229	Total rodents received at laboratory.....	5,705
Indiana.....	34	Number of suspicious rats.....	9
Iowa.....	15	Plague rats confirmed.....	0
Kansas.....	15	Last case of human plague, Oct. 4, 1914.	
Kentucky.....	16	Last case of rodent plague, Mar. 9, 1915.	
Louisiana.....	888	Total number of rodents captured to Apr. 24.....	329,375
Massachusetts.....	1	Total number of rodents examined to Apr. 24.....	240,376
Michigan.....	12	Total cases of rodent plague to Apr. 24, by species:	
Minnesota.....	8	Mus musculus.....	4
Mississippi.....	225	Mus rattus.....	16
Missouri.....	91	Mus norvegicus.....	208
Nebraska.....	8	Mus alexandrinus.....	8
New Jersey.....	2	Total rodent cases to Apr. 24, 1915.....	236
New York.....	16		
Ohio.....	67		
Oklahoma.....	8		
Oregon.....	3		
Pennsylvania.....	8		

**HAWAII—HONOLULU—PLAGUE PREVENTION.**

The following report of plague-prevention work at Honolulu for the week ended April 17, 1915, was received from Surg. Trotter, of the United States Public Health Service:

Total rats and mongoose taken.....	403	Average number of traps set daily.....	1,085
Rats trapped.....	400	Cost per rat destroyed.....cents..	21½
Mongoose trapped.....	2	Last case rat plague, Aiea, 9 miles from Honolulu,	
Rats found dead ( <i>Mus alexandrinus</i> )....	1	Apr. 12, 1910.	
Examined microscopically.....	335	Last case human plague, Honolulu, July 12, 1910.	
Showing plague infection.....	0	Last case rat plague, Kalopa stable, Paauhau stable,	
Classification of rats trapped:		Aug. 29, 1914.	
<i>Mus alexandrinus</i> .....	201	Last case human plague, Paauhau Landing,	
<i>Mus musculus</i> .....	109	Hawaii, Aug. 17, 1914.	
<i>Mus norvegicus</i> .....	66		
<i>Mus rattus</i> .....	24		

**PORTO RICO—PLAGUE PREVENTION.**

Rats and mice and mongoose have been examined in Porto Rico as follows: Four weeks ended March 26, 1915, 986 rats and mice; two weeks ended April 10, 1915, 376 rats and mice and 1 mongoose. No plague infection was found. The animals examined were collected in San Juan, Puerta de Tierra, and Santurce.